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**Imagery analysis report**

## **Newly Identified Missile Fuel Storage Facilities, USSR (S)**

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*WNINTEL*

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## NEWLY IDENTIFIED MISSILE FUEL STORAGE FACILITIES, USSR (S)

1. (S/D) Imagery analysis of fuels depots in the Soviet Union has revealed facilities that contain liquid missile fuels. These facilities and the 32 previously identified missile fuel storage facilities<sup>1</sup> (Figure 1 and Table 1) are in front/central fuels depots throughout the USSR. Front/central depots are in both the interior military districts (Moscow, Kiev, Volga, Ural, and North Caucasus) and the border military districts and groups of forces. They are under the control of the Ministry of Defense and operated by units of the Fuels Supply Service (SSG).<sup>2</sup> Front/central depots contain various types of fuels (missile,\* aviation, vehicular/special) and lubricants (oils and greases) and frequently contain tactical pipeline sections. They are positioned on internal routes within the Soviet Union, Warsaw Pact countries, and Mongolia and are frequently allocated to support a specific military district (potential front), fleet, air force formation, or army. Detached depots, referred to as class II, are subordinate to front/central depots and are positioned to support special divisions in critical and usually remote areas.<sup>2,3</sup>

2. (S/D) Illustrative of these depots is Moshkovo Petroleum Products Storage Facility Reserve (Figure 2). This front/central depot is the only missile fuel storage facility that has been identified in the Siberian Military District. It also contains the largest reserves (60 cars) of missile fuel railcars identified in the USSR. A POL motor transport regiment that is one of five such units identified in the Soviet Union\*\* is also at this installation. Equipment for a possible tactical pipeline construction battalion is in the vehicle storage area. The presence of this battalion cannot be confirmed, however, because no tactical pipeline storage has been observed in the area.

\*Fuels used for strategic (ICBM, IRBM, MRBM), tactical (SRBM), air defense (SAM), and air-to-surface (ASM) missiles. They consist of oxidizers/propellants.<sup>2</sup>

\*\*Others are Naro Fominsk, Yaroslavskaya Gruppa, Lubny, and Nizhniy Taltsy.

## REFERENCES

### IMAGERY

(S/D) All relevant satellite imagery acquired from January 1978 through September 1980 was used in the preparation of this report.

### DOCUMENTS

1. CIA. SR 80-10070JX, [ ] *Combat Service Support of Soviet Missile Forces: Liquid Propellant Re-supply*. NFAC Research Paper, May 80 (TOP SECRET [ ])
2. DOD. USAF, *Dictionary of Basic Military Terms*, 1965, Definition Nos 736, 1323, 1411 (UNCLASSIFIED)
3. DOD. IR2/218/3804-76, *Rear Services in the Transcaucasus Military District*, 22 Apr 76, (CONFIDENTIAL/[ ])

\*Extracted material is classified SECRET.

(S) Comments and queries regarding this report are welcome. They may be addressed to [ ] Warsaw Pact Forces Division, Imagery Exploitation Group, NPIC, [ ]

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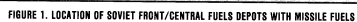
**Table 1.**  
**Soviet Front/Central Fuels Depots**  
**Containing Missile Fuels**

*This table in its entirety is classified SECRET/W/NINTEL.*

No	Installation	BE No	Military District
1	Kandalaksha Petroleum Products Storage		Leningrad
2	Strugikrasnyye Missile Propellant Storage Facility		Leningrad
3	Gorelovo Petroleum Products Storage Depot		Leningrad
4	Cherepovets Petroleum Products Storage, Irdomatka		Leningrad
5	Pageiai Petroleum Products Storage		Baltic
6	Vilnius Petroleum Products Storage Volsnuny		Baltic
7	Grodno Petroleum Products Storage		Belorussian
8	Minsk Missile Propellant Storage Facility		Belorussian
9	Berestovitsa Petroleum Products Storage Depot		Belorussian
10	Belitsa Missile Propellant Storage Depot		Belorussian
11	Bobruysk Petroleum Product Storage Depot		Belorussian
12	Brest Petroleum Storage		Belorussian
13	Oranchitsy Petroleum Products Storage Depot		Belorussian
14	Kalinkovichi Petroleum Products Storage Depot		Belorussian
15	Yavarov Petroleum Products Storage Depot Southwest		Carpathian
16	Kalinovka Petroleum Products Storage Depot South		Carpathian
17	Mukachevo Petroleum Products Storage		Carpathian
18	Radekhov Petroleum Products Storage Depot		Carpathian
19	Chernigov Petroleum Products Storage, Southwest		Kiev
20	Reni Petroleum Products Storage Depot		Odessa
21	Lyubashevka Bipropellant Storage Facility		Odessa
22	Shevchenkovo Bipropellant Storage Facility		Kiev
23	Dzhakoy Petroleum Products Stor UG North		Odessa
24	Astanino Suspect Missile Propellant Storage Facility		Odessa
25	Rostov Petroleum Products Storage		North Caucasus
26	Yerevan Petroleum Products Storage Army North		Transcaucasus
27	Rumyantsevo Petroleum Products Storage Depot		Moscow
28	Rogachev Petroleum Products Storage Depot		Moscow
29	Navoloki Petroleum Products Storage Depot		Moscow
30	Naro Fominsk Petroleum Products Storage Depot		Moscow
31	Chekhov Petroleum Products Storage Depot		Moscow
32	Moskva Petroleum Products Storage Depot Pavlovsk Posad		Moscow
33	Yaroslavskaya Gruppa Petroleum Products Storage Depot		Moscow
34	Ulyanovsk Petroleum Products Storage Depot No 2		Volga
35	Kizyl-Arvat Petroleum Products Storage Depot		Turkestan
36	Aktash Bipropellant Storage Facility		Turkestan
37	Kazanskiy Petroleum Products Storage Depot		Ural
38	Moshkovo Petroleum Products Storage Reserve		Siberian
39	Bolshaya Tura Military Storage Area DX 1		Transbaikial
40	Svobodnyy Petroleum Products Storage Depot North		Far East
41	Sovetskaya Gavan Petroleum Products Storage Vanino		Far East
42	Varfolomeyevka Petroleum Products Storage Depot		Far East
43	Razdolnoye Petroleum Products Storage Depot		Far East
44	Lipovtsky Petroleum Products Storage Depot Army Bks West		Far East
45	Ivano Frankovsk Petroleum Products Stor NW		Carpathian
46	Nikolayev Bipropellant Storage Facility		Odessa
47	Solenoye-Ozero Petroleum Products Storage		Odessa
48	Alyat-Pristan Petro Products Storage UG South		Transcaucasus

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